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| 6 | 6 | (US-6633868-\$ or US-5488725-\$ or US-6684205-\$ or US-6542896-\$ or US-5604910-\$).did. or (US-20040049503-\$).did. | USPAT; US-PGPUB | 2004/07/16 08:00 |
| 7 | 167 | location same document same vector | USPAT; US-PGPUB | 2004/07/16 07:37 |
| 8 | 0 | ((US-6633868-\$ or US-5488725-\$ or US-6684205-\$ or US-6542896-\$ or US-5604910-\$).did. or (US-20040049503-\$).did.) and (location same document same vector) | USPAT; US-PGPUB | 2004/07/16 07:37 |
| 9 | 13771 | location same document | USPAT; US-PGPUB | 2004/07/16 07:38 |
| 10 | 1 | ((US-6633868-\$ or US-5488725-\$ or US-6684205-\$ or US-6542896-\$ or US-5604910-\$).did. or (US-20040049503-\$).did.) and (location same document) | USPAT; US-PGPUB | 2004/07/16 07:37 |
| 11 | 17008 | location same vector | USPAT; US-PGPUB | 2004/07/16 07:38 |
| 12 | 1 | ((US-6633868-\$ or US-5488725-\$ or US-6684205-\$ or US-6542896-\$ or US-5604910-\$).did. or (US-20040049503-\$).did.) and (location same vector) | USPAT; US-PGPUB | 2004/07/16 07:45 |
| 13 | 1 | ("5604910").PN. | USPAT; US-PGPUB | 2004/07/16 07:45 |
| 14 | 622793 | memory | USPAT; US-PGPUB | 2004/07/16 07:46 |
| 15 | 6 | ((US-6633868-\$ or US-5488725-\$ or US-6684205-\$ or US-6542896-\$ or US-5604910-\$).did. or (US-20040049503-\$).did.) and memory | USPAT; US-PGPUB | 2004/07/16 07:46 |
| 16 | 1683350 | apparatus | USPAT; US-PGPUB | 2004/07/16 07:46 |
| 17 | 1 | ((US-6633868-\$ or US-5488725-\$ or US-6684205-\$ or US-6542896-\$ or US-5604910-\$).did. or (US-20040049503-\$).did.) and apparatus | USPAT; US-PGPUB | 2004/07/16 07:47 |
| 18 | 1194664 | signal | USPAT; US-PGPUB | 2004/07/16 07:47 |
| 19 | 2 | ((US-6633868-\$ or US-5488725-\$ or US-6684205-\$ or US-6542896-\$ or US-5604910-\$).did. or (US-20040049503-\$).did.) and signal | USPAT; US-PGPUB | 2004/07/16 07:47 |
| 20 | 586 | vector and (normalization adj factor) | USPAT; US-PGPUB | 2004/07/16 07:50 |
| 21 | 2 | ((US-6633868-\$ or US-5488725-\$ or US-6684205-\$ or US-6542896-\$ or US-5604910-\$).did. or (US-20040049503-\$).did.) and (vector and (normalization adj factor)) | USPAT; US-PGPUB | 2004/07/16 07:50 |
| 22 | 1202303 | multipl\$5 | USPAT; US-PGPUB | 2004/07/16 07:52 |
| 24 | 16155 | floating adj point\$3 | USPAT; US-PGPUB | 2004/07/16 07:51 |
| 25 | 0 | ((US-6633868-\$ or US-5488725-\$ or US-6684205-\$ or US-6542896-\$ or US-5604910-\$).did. or (US-20040049503-\$).did.) and (vector and (normalization adj factor))) and (floating adj point\$3) | USPAT; US-PGPUB | 2004/07/16 07:51 |
| 26 | 145033 | floating | USPAT; US-PGPUB | 2004/07/16 07:51 |
| 27 | 0 | ((US-6633868-\$ or US-5488725-\$ or US-6684205-\$ or US-6542896-\$ or US-5604910-\$).did. or (US-20040049503-\$).did.) and (vector and (normalization adj factor))) and floating | USPAT; US-PGPUB | 2004/07/16 07:51 |

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| 28 | 0 | ((US-6633868-\$ or US-5488725-\$ or US-6684205-\$ or US-6542896-\$ or US-5604910-\$).did. or (US-20040049503-\$).did.) and (floating adj point\$3) | USPAT; US-PGPUB | 2004/07/16 07:52 |
| 29 | 5 | ((US-6633868-\$ or US-5488725-\$ or US-6684205-\$ or US-6542896-\$ or US-5604910-\$).did. or (US-20040049503-\$).did.) and multipl\$5 | USPAT; US-PGPUB | 2004/07/16 07:52 |
| 23 | 2 | ((US-6633868-\$ or US-5488725-\$ or US-6684205-\$ or US-6542896-\$ or US-5604910-\$).did. or (US-20040049503-\$).did.) and (vector and (normalization adj factor)) and multipl\$5 | USPAT; US-PGPUB | 2004/07/16 07:52 |
| 30 | 1391 | normalization adj factor | USPAT; US-PGPUB | 2004/07/16 08:01 |
| 31 | 47969 | number same occurrence\$2 | USPAT; US-PGPUB | 2004/07/16 08:01 |
| 32 | 108 | (normalization adj factor) and (number same occurrence\$2) | USPAT; US-PGPUB | 2004/07/16 08:01 |
| 33 | 5 | (normalization adj factor) same (number same occurrence\$2) | USPAT; US-PGPUB | 2004/07/16 08:02 |
| 34 | 347341 | sum or summation | USPAT; US-PGPUB | 2004/07/16 08:03 |
| 35 | 871 | (normalization adj factor) and (sum or summation) | USPAT; US-PGPUB | 2004/07/16 08:03 |
| 36 | 34001 | square adj root\$2 | USPAT; US-PGPUB | 2004/07/16 08:03 |
| 37 | 197 | ((normalization adj factor) and (sum or summation)) and (square adj root\$2) | USPAT; US-PGPUB | 2004/07/16 08:03 |
| 38 | 214 | (normalization adj factor) same (sum or summation) | USPAT; US-PGPUB | 2004/07/16 08:03 |
| 39 | 15 | ((normalization adj factor) same (sum or summation)) same (square adj root\$2) | USPAT; US-PGPUB | 2004/07/16 08:05 |
| 40 | 46 | (normalization adj factor) same (square adj root\$2) | USPAT; US-PGPUB | 2004/07/16 08:05 |
| 41 | 36 | ((normalization adj factor) same (square adj root\$2)) and (sum or summation) | USPAT; US-PGPUB | 2004/07/16 08:05 |
| - | 349294 | matrix | USPAT; US-PGPUB | 2004/07/14 15:22 |
| - | 10084 | sparse | USPAT; US-PGPUB | 2004/07/14 15:22 |
| - | 635 | sparse adj matrix | USPAT; US-PGPUB | 2004/07/14 15:22 |
| - | 5 | (vector and (normalization adj factor)) and (sparse adj matrix) | USPAT; US-PGPUB | 2004/07/14 15:22 |
| - | 4019 | (707/3).CCLS. | USPAT; US-PGPUB | 2004/07/15 10:07 |
| - | 1415 | (707/5).CCLS. | USPAT; US-PGPUB | 2004/07/15 10:08 |

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| | 50 | ("5675819" "6137911" "6189002" "6697798" "6173275" "5974412" "6020972" "5619709" "5794178" "5951623" "6418431" "5278980" "6532469" "5787422" "5999927" "6289353" "6523026" "5848191" "5850476" "5892842" "5689716" "6070133" "5442778" "5384863" "5950196" "6564202" "6567797" "6598043" "6598054" "6728752" "5701469" "6502091" "5642435" "4358824" "6658626" "6297824" "5826261" "5544049" "5752051" "6185592" "5542090" "5724571" "6105023" "6112203" "6167368" "6269153" "6513027" "6519586" "5384703" "5500920") .pn. | USPAT; US-PGPUB | 2004/07/15 10:08 |
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| | 49 | ("5519608" "5696962" "6094649" "6493709" "5390259" "5491760" "6295533" "6349276" "6418432" "6601026" "6665666" "6735592" "6360011" "6424971" "5590317" "5907821" "6701305" "5587902" "5999949" "6408266" "6182095" "5873056" "5483650" "5583762" "5745602" "5787420" "5911140" "5778397" "5819220" "5999664" "6038557" "6167398" "6223145" "6223145" "6236768" "6289342" "6430551" "6430575" "6562077" "6603582" "6665841" "5243520" "6334102" "5557689" "5640466" "6456743" "5287278" "5331556" "5500796" "5687254") .pn. | USPAT; US-PGPUB | 2004/07/15 10:08 |
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| - | 4874 | ((707/3).CCLS.) or ((707/5).CCLS.) or ((5675819" "6137911" "6189002" "6697798" "6173275" "5974412" "6020972" "5619709" "5794178" "5951623" "6418431" "5278980" "6532469" "5787422" "5999927" "6289353" "6523026" "5848191" "5850476" "5892842" "5689716" "6070133" "5442778" "5384863" "5950196" "6564202" "6567797" "6598043" "6598054" "6728752" "5701469" "6502091" "5642435" "4358824" "6658626" "6297824" "5826261" "5544049" "5752051" "6185592" "5542090" "5724571" "6105023" "6112203" "6167368" "6269153" "6513027" "6519586" "5384703" "5500920").pn.) or ((5519608" "5696962" "6094649" "6493709" "5390259" "5491760" "6295533" "6349276" "6418432" "6601026" "6665666" "6735592" "6360011" "6424971" "5590317" "5907821" "6701305" "5587902" "5999949" "6408266" "6182095" "5873056" "5873056" | USPAT; US-PGPUB | 2004/07/15 10:08 |
| Search History | 7/16/2004 10:32:29 AM | Page 5 | | |
| C:\APPS\EAST\Workspaces\5519608.wsp | "5745602" "5787420" | | | |

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| - | 353 | (vector and (normalization adj factor)) and matrix | USPAT; US-PGPUB | 2004/07/15 10:23 |
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| - | 5 | ((707/3).CCLS.) or ((707/5).CCLS.) or (("5675819" "6137911" "6189002" "6697798" "6173275" "5974412" "6020972" "5619709" "5794178" "5951623" "6418431" "5278980" "6532469" "5787422" "5999927" "6289353" "6523026" "5848191" "5850476" "5892842" "5689716" "6070133" "5442778" "5384863" "5950196" "6564202" "6567797" "6598043" "6598054" "6728752" "5701469" "6502091" "5642435" "4358824" "6658626" "6297824" "5826261" "5544049" "5752051" "6185592" "5542090" "5724571" "6105023" "6112203" "6167368" "6269153" "6513027" "6519586" "5384703" "5500920").pn.) or (("5519608" "5696962" "6094649" "6493709" "5390259" "5491760" "6295533" "6349276" "6418432" "6601026" "6665666" "6735592" "6360011" "6424971" "5590317" "5907821" "6701305" "5587902" "5999949" "6408266" "6182095" "5873056" "5873056") | USPAT; US-PGPUB | 2004/07/15 10:18 |
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| - | 3879 | first adj vector | USPAT; US-PGPUB | 2004/07/15 10:18 |
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| | 32 | ((707/3).CCLS.) or ((707/5).CCLS.) or (("5675819" "6137911" "6189002" "6697798" "6173275" "5974412" "6020972" "5619709" "5794178" "5951623" "6418431" "5278980" "6532469" "5787422" "5999927" "6289353" "6523026" "5848191" "5850476" "5892842" "5689716" "6070133" "5442778" "5384863" "5950196" "6564202" "6567797" "6598043" "6598054" "6728752" "5701469" "6502091" "5642435" "4358824" "6658626" "6297824" "5826261" "5544049" "5752051" "6185592" "5542090" "5724571" "6105023" "6112203" "6167368" "6269153" "6513027" "6519586" "5384703" "5500920").pn.) or (("5519608" "5696962" "6094649" "6493709" "5390259" "5491760" "6295533" "6349276" "6418432" "6601026" "6665666" "6735592" "6360011" "6424971" "5590317" "5907821" "6701305" "5587902" "5999949" "6408266" "6182095" "5873056" "5873056") | USPAT; US-PGPUB | 2004/07/15 10:18 |
| | | Search History 7/16/04 9:32:29 AM Page 9 C:\APPS\EAST\Workspaces\55037829430.wsp "5745602" "5787420" | | |

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| - | 3771 | second adj vector | USPAT; US-PGPUB | 2004/07/15 10:19 |
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| - | 25 | ((((707/3).CCLS.) or ((707/5).CCLS.) or (("5675819" "6137911" "6189002" "6697798" "6173275" "5974412" "6020972" "5619709" "5794178" "5951623" "6418431" "5278980" "6532469" "5787422" "5999927" "6289353" "6523026" "5848191" "5850476" "5892842" "5689716" "6070133" "5442778" "5384863" "5950196" "6564202" "6567797" "6598043" "6598054" "6728752" "5701469" "6502091" "5642435" "4358824" "6658626" "6297824" "5826261" "5544049" "5752051" "6185592" "5542090" "5724571" "6105023" "6112203" "6167368" "6269153" "6513027" "6519586" "5384703" "5500920").pn.) or (("5519608" "5696962" "6094649" "6493709" "5390259" "5491760" "6295533" "6349276" "6418432" "6601026" "6665666" "6735592" "6360011" "6424971" "5590317" "5907821" "6701305" "5587902" "5999949" "6408266" "6182095" "5873056" "5483650" "5503702" "5745602" "5787420" | USPAT; US-PGPUB | 2004/07/15 10:19 |
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| C:\APPS\EAST\Workspaces\5503702\5745602\5787420.wsp | | | | |

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| - | 880 | third adj vector | USPAT; US-PGPUB | 2004/07/15 10:19 |
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| | 10 | ((((707/3).CCLS.) or ((707/5).CCLS.) or (("5675819" "6137911" "6189002" "6697798" "6173275" "5974412" "6020972" "5619709" "5794178" "5951623" "6418431" "5278980" "6532469" "5787422" "5999927" "6289353" "6523026" "5848191" "5850476" "5892842" "5689716" "6070133" "5442778" "5384863" "5950196" "6564202" "6567797" "6598043" "6598054" "6728752" "5701469" "6502091" "5642435" "4358824" "6658626" "6297824" "5826261" "5544049" "5752051" "6185592" "5542090" "5724571" "6105023" "6112203" "6167368" "6269153" "6513027" "6519586" "5384703" "5500920").pn.) or (("5519608" "5696962" "6094649" "6493709" "5390259" "5491760" "6295533" "6349276" "6418432" "6601026" "6665666" "6735592" "6360011" "6424971" "5590317" "5907821" "6701305" "5587902" "5999949" "6408266" "6182095" "5873056" "5583650" "5583629430.wsp "5745602" "5787420" | USPAT; US-PGPUB | 2004/07/15 10:19 |
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| - | 6 | (US-5488725-\$ or US-6633868-\$ or US-6684205-\$ or US-6542896-\$ or US-5604910-\$).did. or (US-20040049503-\$).did. | USPAT; US-PGPUB | 2004/07/15 10:26 |
| - | 2 | ((US-5488725-\$ or US-6633868-\$ or US-6684205-\$ or US-6542896-\$ or US-5604910-\$).did. or (US-20040049503-\$).did.) and (normalization adj factor) | USPAT; US-PGPUB | 2004/07/15 10:24 |
| - | 38918 | dictionary | USPAT; US-PGPUB | 2004/07/15 10:27 |
| - | 3 | ((US-5488725-\$ or US-6633868-\$ or US-6684205-\$ or US-6542896-\$ or US-5604910-\$).did. or (US-20040049503-\$).did.) and dictionary | USPAT; US-PGPUB | 2004/07/15 10:27 |
| - | 240749 | integer\$2 | USPAT; US-PGPUB | 2004/07/15 10:27 |
| - | 0 | ((US-5488725-\$ or US-6633868-\$ or US-6684205-\$ or US-6542896-\$ or US-5604910-\$).did. or (US-20040049503-\$).did.) and dictionary) and integer\$2 | USPAT; US-PGPUB | 2004/07/15 10:28 |
| - | 1 | ((US-5488725-\$ or US-6633868-\$ or US-6684205-\$ or US-6542896-\$ or US-5604910-\$).did. or (US-20040049503-\$).did.) and integer\$2 | USPAT; US-PGPUB | 2004/07/15 10:30 |